

OPINION 2342 (Case 3585)***Atomosia* Macquart, 1838 (Insecta, Diptera, ASILIDAE): proposed conservation of usage**

Abstract. The current usage of the generic name *Atomosia* Macquart, 1838 has been conserved for a well-established genus of robber flies. All type species fixations for *Atomosia* Macquart, 1838 prior to that of *Atomosia incisuralis* Macquart, 1838 by Coquillett (1910) have been set aside.

Keywords. Nomenclature; taxonomy; Diptera; ASILIDAE; *Atomosia*; *Atomosia incisuralis*; *Cormansis*; *Aphestia*; robber flies; Neotropical; Nearctic.

Ruling

- (1) Under the plenary power the Commission has set aside all type species fixations for the nominal genus *Atomosia* Macquart, 1838 before that of *Atomosia incisuralis* Macquart, 1838 by Coquillett (1910).
- (2) The name *Atomosia* Macquart, 1838 (gender: feminine), type species *Atomosia incisuralis* Macquart, 1838 by subsequent designation by Coquillett (1910), as ruled in (1) above, is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *incisuralis* Macquart, 1838, as published in the binomen *Atomosia incisuralis* (specific name of the type species of *Atomosia* Macquart, 1838), as ruled in (1) above, is hereby placed on the Official List of Specific Names in Zoology.
- (4) The name ATOMOSIINI Lynch Arribálzaga, 1882 (type genus *Atomosia* Macquart, 1838) is hereby placed on the Official List of Family-Group Names in Zoology.

History of Case 3585

An application to conserve the current usage of the generic name *Atomosia* Macquart, 1838 for a well-established genus of robber flies was received from Neal L. Evenhuis (*J. Linsley Gressitt Center for Research in Entomology, Bishop Museum, Honolulu, Hawaii, U.S.A.*) on 20 March 2012. After correspondence the case was published in BZN 69: 106–108 (June 2012). The title, abstract and keywords of the case were published on the Commission's website. No comments were received on this Case.

Decision of the Commission

On 1 December 2013 the members of the Commission were invited to vote on the proposals published in BZN 69: 107. At the close of the voting period on 1 March 2014 the votes were as follows:

Affirmative votes – 23: Alonso-Zarazaga, Ballerio, Bouchet, Brothers, Fautin, Grygier, Halliday, Harvey, Kojima, Kottelat, Krell, Kullander, Lamas, Minelli, Pape, Patterson, Rosenberg, Štys, van Tol, Winston, Yanega, Zhang and Zhou.

Negative votes – 2: Bogutskaya and Lim.

Ng and Pyle were on leave of absence.

Voting FOR, Grygier said that the number of described species of *Aphestia* was not stated and there was no testimony as to the importance of any species of *Atomosia* or *Aphestia* in contexts outside taxonomy. Such circumstances might favour the taxonomic solution (inter-generic transfer of the relevant species and erection of a new genus for the remainder) over use of the plenary power, but he would give the authors the benefit of the doubt in consideration of the large number of species of *Atomosia*. Also voting FOR, Pape explained that this was because the overlooked type species designation for *Atomosia* by Duponchel in d'Orbigny (1841) had been pointed out in a publication 25 years ago but was not accepted by anybody. Voting FOR, Fautin said that consistency would have suggested a vote against. However, in this instance, the author had argued that recognizing the original type species designation would change the taxonomic concept of the genus.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

Atomosia Macquart, 1838, *Diptères exotiques nouveaux ou peu connus*. Tome premier.—2e partie. N.E. Roret, Paris. [3 October], p. 73.

Atomosia, incisuralis, Macquart, 1838, *Diptères exotiques nouveaux ou peu connus*. Tome premier.—2e partie. N.E. Roret, Paris. [3 October], p. 73.

ATOMOSIINI Lynch Arribálzaga, 1882, *Boletín de la Academia Nacional de Ciencias de Córdoba*, 4: 144.

The reference for the type species designation in this ruling:

Coquillett, D.W. 1910. The type-species of the North American genera of Diptera. *Proceedings of the United States National Museum*, 37: 512.